

106.1 Metal (Inorganics) Constituents in Natural Matrices (liquid and solid forms)

Also see: [105.13 Lead in Paint, Dust, Soil](#)

[108.3 Sulfur in Fossil Fuels](#)

[108.6 Fossil Fuel](#)

[109.2 Organic Constituents](#)

[111.7 Soils, Sediments, and Sludges](#)

[111.5 Rocks and Minerals](#)

[111.4 Clay](#)

[111.2 Ores](#)

[110.4 Agricultural Materials](#)

[110.3 USA/Canada Collaborative Materials](#)

[110.1 Foods and Beverages](#)

These SRMs and RM are for analysis of materials of health or environmental interest. [Also see Categories 105 and 111.]

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

| SRM | Description | Unit Size | Elemental Composition |
|---------|--|------------|--|
| LIQUIDS | | | |
| 1640 | Trace Elements in Natural Water | 250 mL | 17 elements certified 10 reference values |
| 1641d | Mercury in Water | 10 x 10 mL | 1 element certified |
| 1643e | Trace Elements in Water | 250 mL | 29 elements certified |
| 2694a | Simulated Rainwater | | Discontinued |
| SOLIDS | | | |
| 1646a | Estuarine Sediment | 70 g | 20 elements certified |
| 1648 | Urban Particulate Matter | 2 g | 14 elements certified |
| 1944 | New York/New Jersey Waterway Sediment | 50 g | 9 elements certified |
| | (Note: 102 Organic Constituents, See Category 109) | | 19 reference values |
| 1946 | Lake Superior Fish Tissue (Frozen) | 35 g | 3 elements certified |
| | (Note: 84 Organic Constituents, See Category 109) | | 9 reference values |

| | | | |
|----------------|--|-----------------------------|---|
| 2385 | Slurried Spinach | 70 g | 7 elements certified |
| 2387 | Peanut Butter | 170 g | 9 elements certified (numerous fatty acids and amino acids) |
| 2583 | Trace Elements in Indoor Dust (Nominal 90 mg/kg Lead) | 8 g | 5 elements certified |
| 2584 | Trace Elements in Indoor Dust (Nominal 1% Lead) | 8 g | 5 elements certified 10 reference values |
| 2586 | Trace Elements in Soil (Nominal 500 mg/kg Lead) | 50 g | 4 elements certified 18 reference values |
| 2587 | Trace Elements in Soil (Nominal 3000 mg/kg Lead) | 50 g | 4 elements certified 14 reference values |
| 2702 | Inorganics in Marine Sediment | 50 g | 25 elements certified 8 reference values |
| 2703 | Sediment for Solid Sampling (Small Sample) Analytical Techniques | 5 g | 22 elements certified 7 reference values 9 information values |
| 2704a | Buffalo River Sediment | 50 g | Discontinued (NOTE: See RM 8704) |
| 2709 | San Joaquin Soil | 50 g | 26 elements certified |
| 2710 | Montana Soil Highly Elevated Trace Element Concentrations | 50 g | 21 elements certified |
| 2711 | Montana Soil Moderately Elevated Trace Element Concentrations | 50 g | 24 elements certified |
| 2780 | Hard Rock Mine Waste | 50 g | 12 elements certified 7 reference values |
| 2781 | Domestic Sludge | 40 g | 10 elements certified |
| 2782 | Industrial Sludge | 70 g | 10 elements certified 16 reference values |
| 2783 | Air Particulate on Filter Media | 2 loaded filters & 2 blanks | 18 elements certified 9 reference values |
| 2976 | Mussel Tissue (Trace Elements & Methylmercury) Freeze-Dried | 25 g | 8 elements certified 20 reference values |
| RM 8704 | Buffalo River Sediment | 50 g | 25 reference values |
| RM 8785 | Air Particulate Matter on Filter Media | 3 loaded filters | |
| RM 8786 | Filter Blank for RM 8785 | 1 blank filter | |
